

# Uninhabited Aerial Vehicle Synthetic Aperture Radar (UAVSAR) on Global Hawk

Completed Technology Project (2009 - 2013)



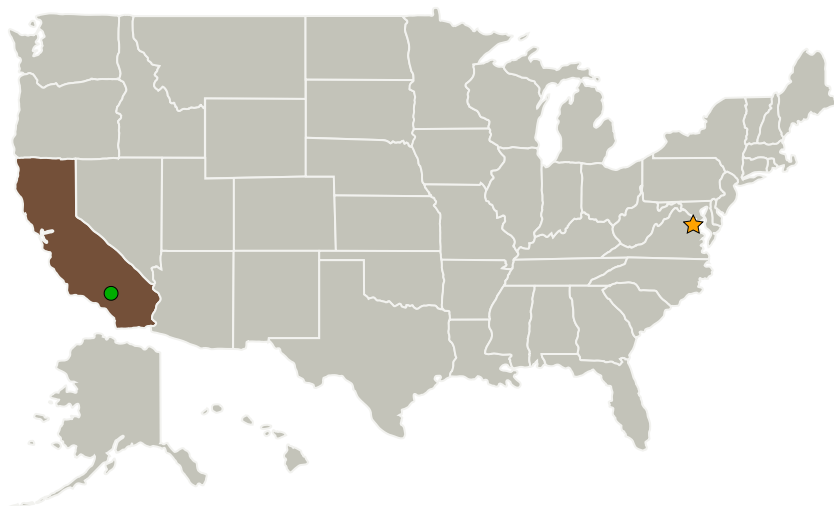
## Project Introduction

N/A

## Anticipated Benefits

N/A

## Primary U.S. Work Locations and Key Partners



Artist's rendering of UAVSAR on the Global Hawk UAV, where the two radar pods are mounted under the wings to obtain single-pass cross track interferometry for precision topographic mapping.

Project Image Uninhabited Aerial Vehicle Synthetic Aperture Radar (UAVSAR) on Global Hawk

## Table of Contents

Project Introduction	1
Anticipated Benefits	1
Primary U.S. Work Locations and Key Partners	1
Images	2
Organizational Responsibility	2
Project Management	2
Technology Maturity (TRL)	2
Technology Areas	3
Target Destination	3

Organizations Performing Work	Role	Type	Location
★ NASA Headquarters(HQ)	Lead Organization	NASA Center	Washington, District of Columbia
● Armstrong Flight Research Center(AFRC)	Supporting Organization	NASA Center	Edwards, California

## Primary U.S. Work Locations

California

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## Images



Artist's rendering of UAVSAR on the Global Hawk UAV, where the two radar pods are mounted under the wings to obtain single-pass cross track interferometry for precision topographic mapping.

**11022-1360167790690.jpg**

Project Image Uninhabited Aerial Vehicle Synthetic Aperture Radar (UAVSAR) on Global Hawk (<https://techport.nasa.gov/image/1603>)

## Organizational Responsibility

**Responsible Mission Directorate:**

Science Mission Directorate (SMD)

**Lead Center / Facility:**

NASA Headquarters (HQ)

**Responsible Program:**

Earth Science

## Project Management

**Program Director:**

George J Komar

**Project Manager:**

Joseph Famiglietti

**Principal Investigator:**

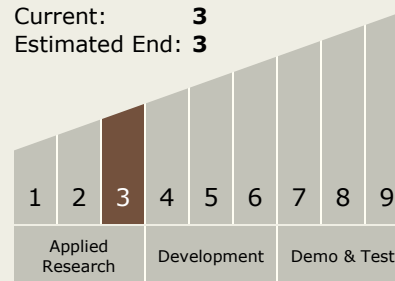
Chris J Naftel

## Technology Maturity (TRL)

Start: **3**

Current: **3**

Estimated End: **3**



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## Technology Areas

### Primary:

- TX08 Sensors and Instruments
  - └ TX08.1 Remote Sensing Instruments/Sensors
    - └ TX08.1.4 Microwave, Millimeter-, and Submillimeter-Waves

## Target Destination

Earth